Appendix D

TRC Lowney

June 12, 2006
2189-1A

Fairfield Residential
c/o Ms. Nadia L. Costa, Esq.
BINGHAM MCCUTCHEN LLP
1333 North California Blvd., Suite 210
Walnut Cree k, California 94596

RE: VICINITY RISK ASSESSMENT
1001 MURPHY RANCH ROAD
MILPITAS, CALIFORNIA

Dear Ms. Costa:

At your request, we present our evaluation of hazardous materials usage and review of potential risks associated with hazardous materials usage in the immediate vicinity of 1001 Murphy Ranch Road in Milpitas, California (Project Site) depicted on Figure 1. We understand that Fairfield Residential is planning to acquire the property for construction of a residential development and therefore desired to evaluate any potential risks associated with siting residential uses in the vicinity of existing industrial uses.

1.0 SITE VICINITY RECONNAISSANCE

To attempt to identify potential hazardous materials users located within a ¼-mile radius of the site[1], we performed the following tasks:

Our representative conducted a limited drive-by survey on September 29, 2006 of an area surrounding the site for a radius of approximately ¼ mile to note readily observable facilities from publicly accessible areas that appeared likely to use, handle, or store significant quantities of hazardous materials based on outdoor storage of materials.

In addition, we obtained and reviewed a regulatory agency database report that identified known hazardous materials users in a ¼ mile radius around the site.

We reviewed a Phase I environmental site assessment prepared for the Project Site by PES Environmental, Inc. (August 2004) that contained information about existing uses in the vicinity of the Project Site, and compared that information to our observations noted during the vicinity drive-by survey and during the review of the regulatory agency database report.

We identified a total of ten sites, which could potentially house hazardous materials and therefore present a potential risk. Those identified sites are listed in Table 1. We obtained facility-specific information on hazardous materials usage, including Hazardous Materials Business Plans and chemical inventories, of the sites identified in the previous tasks; readily available files for these selected facilities were reviewed at the San Jose and Milpitas Fire Departments. Copies of pertinent documents are attached in Appendix A.

[1] As we discussed, there is no "industry standard" with respect to the appropriate geographic scope for the analysis. Therefore TRC Lowney utilized the ¼ mile radius based on the precedent established by a similar risk evaluation for the Cisco Child Care Center in Milpitas.

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As discussed in more detail below, Lowney determined that one of the ten identified sites, the Calpine-Agnews Cogeneration Facility, warranted further review because of the hazardous materials used. Accordingly, you requested that Lowney conduct further research regarding this facility. On February 21, 2006, our representative conducted a drive-by survey of an area surrounding the Agnews facility for a radius of approximately 1 mile. The goal was to attempt to identify sensitive receptors, including schools, hospitals, parks, residences, and daycare facilities within this one-mile radius. Results of the reconnaissance are summarized as follows:

The schools noted were the University of Phoenix and Palmer College of Chiropractics West, both located in San Jose.

A hospital was located at the Department of Developmental Services- Agnews Developmental Center. This Center covers a large area in San Jose and reportedly includes parks/recreational areas, a school, medical clinics, and residences. The Center is scheduled to undergo closure.

Many residences, existing and under construction, were noted within the 1-mile radius in San Jose. These consist mainly of high-density, mid-rise apartments, town-homes, and condominiums.

Figure 2 depicts results of the reconnaissance, and also includes San Jose and Milpitas Planning Department land use zoning.

2.0 REGULATORY AGENCY DATABASE REPORT

TRC Lowney reviewed a regulatory agency database report (Appendix A), and facilities identified as hazardous materials users are listed in Table 1. The review identified two hazardous materials users just outside of the ¼-mile radius of the site given the amount and type of materials stored on these two sites, you requested that TRC Lowney include these facilities in its risk assessment. These facilities are also listed on Table 1.

3.0 SAN JOSE AND MILPITAS FIRE DEPARTMENT FILE REVIEW

TRC Lowney reviewed the available files for the facilities listed in Table 1 at the San Jose Fire Department on October 4, 2005, and on October 6, 2005 at the Milpitas Fire Department to obtain facility-specific information on hazardous materials usage, including Hazardous Materials Management Plans (HMMP) and chemical inventories. Copies of pertinent documents are attached in Appendix B and a brief summary of chemicals used at these facilities is included in Table 1.

Table 1. Potential Hazardous Materials Users in the Site Vicinity

Facility Name and Number	Address	Approximate Distance from the Project Site	Site Drive-by Observations	Database Review	Reported Chemical Inventories-File Review
1. Intersil	1001 Murphy Ranch Road, Milpitas	⅛ mile southeast	Office Buildings (two) possible R&D use	This facility was not listed in government database	No files available at the fire department
2. Murphy Ranch Pump Station	801 Murphy Ranch Road, Milpitas	⅛ mile east southeast	Small concrete building with DOT placard posted outside	This facility is listed on the Cortese, LUST, CA FID, and SWEEPS lists	HMMP on file dated 4/12/2004 listed one 2,000 gallon diesel AST
3. No Signage	Unmarked site on Sumac Drive, Milpitas; all numbers have been removed from building	⅛ mile east	Vacant office building, no posted signs	Unknown	Unknown
4. Maxtor Corporation-Building 1, FA Lab	1140 Technology Drive, Milpitas	⅛ mile north northeast	Conglomerate of office buildings with several cylindrical tanks stored in fenced area around the back of the property, no DOT placards visible	This facility is on the RCRA info list and is listed as a small quantity generator of hazardous waste and in the toxic chemical release inventory system	HMMP on file date 12/10/2003 listed small amounts of various hazardous materials (alcohols, and acids) in liquid containers up to 62 gallons, and various gases (compressed oxygen, nitrogen, and helium) in cylinders with up to 291 cubic foot capacities
5. KLA Tencor	5 South Technology Drive, Milpitas	⅛ mile north	Conglomerate of office buildings, only posted signs are for use of recycled water on the property, no placards posted	This facility was not listed in any government database	No files available at the fire department
6. Cisco Systems	170 West Tasman Drive, Milpitas	¼ mile west southwest	Large campus of office buildings and recreational areas, no posted placards	This facility was not listed in any government database	No files available at the fire department
7. Avaya	1033 McCarthy Blvd., Milpitas	¼ mile east southeast	Office building (R&D), no posted placards	This facility was not listed in any government database	No files available at the fire department
8. No signage	855 Tasman Drive and 1020 McCarthy, Milpitas	¼ mile east southeast	Vacant office buildings, available by Peery/Arrillaga sign, fountain still operating, but all driveways blocked by planter boxes	This facility was not listed in any government database	No files available at the fire department

(continued)

Table 1. Potential Hazardous Materials Users in the Site Vicinity
(continued)

Facility Name and Number	Address	Approximate Distance from the Project Site	Site Drive-by Observations	Database Review	Reported Chemical Inventories- File Review
9. PG&E- Los Esteros Substation	1515 Milpitas Alviso Road, San Jose	2,300 feet north northwest (just beyond ¼-mile radius)	Power plant, several smoke/steam stacks, piping, cylinders, and tanks visible on the property	This facility is listed on the HAZNET and LUST lists	HMMP on file dated 11/03/2003 listed large quantities of various chemical liquids including insulating, hydraulic, lubricating, and turbine oils (up to 6,513 gallons), battery and sulfuric acids (up to 5,000 gallons), aqueous ammonia (up to 10,000 gallons), nitrogen and carbon dioxide gases (up to 300 cubic feet), and diesel fuel (up to 320 gallons)
10. Calpine-Agnews Cogeneration Facility	3800 Cisco Way, San Jose	1,500 feet north northwest (just beyond ¼-mile radius)	Power plant, some steam stacks, piping, various cylinders and holding tanks visible on property	This facility was not listed in any government database	HMBP dated April 1, 2004 listed 12,000 gallons (52,333 lbs) anhydrous ammonia, 325 gallons oil/waste oil, 75 gallons corrosion inhibitor, alkaline additive and boiler chemicals, 150 cubic feet of carbon dioxide/monoxide and nitrogen, 1,600 gallons of sodium hypochlorite, up to 5,000 gallons of sodium hydroxide, 75 gallons sodium bromide, 5,000 gallons sulfuric acid and various 75-gallon containers of petroleum, oil and gas.

4.0 HAZARDOUS MATERIALS BUSINESS PLANS

TRC Lowney reviewed the readily available chemical inventories of the above referenced facilities (provided by the City of Milpitas and San Jose) within approximately ¼ mile of the Project site to evaluate the general nature and quantities of hazardous materials used. Four facilities located in the general vicinity of the Project site reported hazardous materials in excess of the threshold planning quantities required for them to submit Hazardous Materials Business Plans.

From a risk assessment perspective, the primary concern of this review was to identify chemicals that may have off-site consequences in the unlikely event of a catastrophic release. Generally, chemicals that are acutely toxic exist in a form that readily allows off-site transport (after release), and if used/stored in sufficient quantities, represent chemicals of concern (COCs) for risk assessment purposes.

Of the four facilities reviewed, two reportedly use materials that have the potential for off-site consequences if released at exterior locations at the facility, the Los Esteros Critical Energy Facility and the Calpine Agnews Cogeneration Facility. These facilities are described below.

4.1 Los Esteros Critical Energy Facility, 800 Thomas Foon Chew Way

COCs present at this facility reportedly include a 5,000-gallon container (93-98%) of sulfuric acid, and a 4,180-pound container of dichlorotrifluoroethane.

4.2 Calpine Agnews Cogeneration Facility, 3800 Cisco Way

The primary COC at this location consists of a 60,000-pound container of liquefied ammonia gas.

5.0 PROTECTIVE PROGRAMS

Facilities that store, handle, and use hazardous materials are heavily regulated at local, state, and federal levels. The primary regulations that protect the public and environment from hazardous materials releases include the Uniform Fire Code, Uniform Building Code, the Santa Clara County Toxic Gas Ordinance (TGO)[1], and the more recently enacted Federal and State regulations that include the Risk Management and Prevention Programs (RMP)[2], California Accidental Release Program (CalARP)[3] and the Process Safety Standards (Federal and State OSHA)[4].

The primary controls that limit the risks of releases of significant quantities of acutely hazardous materials include TGO, RMP, CalARP, and Process Safety. TGO regulates toxic gas users and requires that acutely hazardous process materials (AHMs) be housed in secondary containment facilities that typically include ventilated storage of gases, leak detection, secondary containment of process piping, automatic shutdown at the source, and treatment capability for discharged gases.

[1] Ordinance No. NS-517.44 Code of County of Santa Clara – Division B11, Chapter X
[2] Federal Accidental Release Prevention Program [Title 40, Code of Federal Regulations (CFR) Part 68]
[3] CCR, Title 19, Division 2, Chapter 4.5
[4] CCR, Title 19, Section 5189

RMP, CalARP, and Process Safety standards, require comprehensive management programs that include hazard analysis, process operating procedures, process inspections, mechanical integrity, and management of change programs, risk reduction, and the active management of hazardous chemical facilities to reduce the risks and potential consequences of catastrophic chemical releases.

6.0 OFF-SITE CONSEQUENCE ANALYSIS (OCA)

Given the COCs present at the Los Esteros Facility and the Calpine Facility, you requested that TRC Lowney conduct an off-site consequence analysis to assess the level of potential risk involved. With respect to the inventory of chemicals located at the Calpine Agnews and PG&E Los Esteros facilities, the primary and overriding concern would be related to the large quantity of ammonia stored at the Calpine Agnews facility. Although the sulfuric acid stored at both facilities is acutely hazardous, it does not possess the necessary physio-chemical properties to qualify as a chemical that requires federal Risk Management Planning (RMP) and/or California Accidental Release Program (CalARP) compliance. With the respect to the dichlorotrifluoroethane stored at the Los Esteros facility, this material also does not possess the toxicity to be regulated either through the RMP or CalARP programs. Therefore, a release of these chemicals would not likely present significant offsite impacts. Accordingly, only the Calpine facility is further discussed below.

6.1 Calpine OCA

As required by U.S. EPA and Cal/EPA, the operators of the Calpine facility conducted a screening level evaluation of potential impacts to the region surrounding the energy plant as part of their compliance obligations under RMP and CalARP. The evaluation included worst-case and alternative release scenarios. In accordance with RPM requirements, the worst-case release scenario assumes that the entire contents of the ammonia tank (approximately 60,000 pounds) are released over a 10-minute period. The release was modeled using conservative (required) parameters so that potential risks are not underestimated. For their worst-case scenario (Scenario 1), Calpine estimated the distance to the toxic endpoint to be approximately 8.1 miles from the facility.

The toxic endpoint for ammonia is assumed to be the Emergency Response Planning Guideline 2 (ERPG-2) concentration. The ERPG-2 concentration is defined as the maximum airborne concentration below which it is believed nearly all individuals could be exposed for up to 1 hour without experiencing or developing irreversible or other serious health effects or symptoms that could impair an individual's ability to take protective action. The current ERPG-2 concentration for ammonia is 150 parts per million (ppm).

The worst-case release scenario assumes a large amount of ammonia is released over a short period of time and the dispersion model predicts the downwind dilution of the ammonia cloud. After release, the hypothetical ammonia cloud travels downwind and disperses as clean air is entrained into the gas cloud. The rate of dispersion (dilution) is dependent upon wind speed, surface topography, and atmospheric conditions. As the plume travels downwind it becomes less concentrated. Therefore, at distances nearer to the release, higher concentrations are expected. At distances farther from the release, concentrations are lower.

In addition to the worst-case Scenario 1 release, Calpine conducted an alternative release scenario, Scenario 2, which assumed that a release occurs during the loading/unloading of ammonia from the tank. Scenario 2 assumed that a ten-minute release of 4,137 pounds of ammonia occurs through a hole in a pipe during loading/unloading. For this scenario, the

distance to the toxic endpoint (ERPG-2) was estimated to be approximately 0.41 mile from the facility. Alternative release scenarios are generally considered more realistic with respect to probable release risks associated with chemical facilities. In this case, the operators of the Calpine facility, through engineering judgment and through the conduct of the facility specific hazard and operability study, determined that this was a more likely release scenario.

6.1.1 Additional Screening Level Modeling

TRC Lowney conducted additional screening level modeling to forecast concentrations at the exterior of the Project site, and at other locations (distances) in the event of a release under the Worst-Case Scenario at the Calpine facility. The ALOHA CAMEO Program was used to conduct evaluation. ALOHA incorporates a modified (computationally simplified) version of the Dense Gas Dispersion (DEGADIS) algorithm, and also incorporates a Gaussian Dispersion algorithm for non-dense gas releases. FEMA (1989) provides descriptions of Gaussian dispersion and release rate calculations incorporated in ALOHA. U.S. EPA (1989), and Trinity Consultants (1991) provide descriptions of the DEGADIS algorithm.

At the Project site, outdoor concentrations of ammonia could reach 80,000 ppm assuming a 60,000-pound release of ammonia from the Calpine facility under the Scenario 1 worst-case conditions. Calpine is approximately 0.35 mile from the Project site.

The worst case Scenario 1 release implies that the tank containing the ammonia looses its integrity resulting in the loss of its entire contents. Examples of events that could cause such a release include elevated pressures within the tank caused by extreme heat (fire), puncture of the tank through impact by a heavy object (airplane, automobile, large object dropped from a crane, etc.) and failure of a welded seam through corrosion (or a defect). In addition, the shearing/bursting of a large ammonia process pipe downstream from the tank could also result in the loss of the tank's contents over a short period of time. Seismic events, elevated pressures, and mechanical impacts could result in significant process pipe damage that may result in a worst-case release.

Worst-case release scenarios also assume conservative atmospheric conditions that include atmospheric Stability Class F and wind speed of 1.5 meters per second (m/sec). The atmospheric stability and wind speed determines the chemical's dispersion in the vertical and horizontal directions. Stability Class F implies low atmospheric turbulence and calm winds and is associated with night time conditions, or dark cloudy days.

At 0.5 mile from the release, outdoor concentrations of ammonia could reach 43,000 ppm under Scenario 1 worst case conditions.

At a distance of 1 mile from the point of release, outdoor ammonia concentrations are predicted to reach 13,000 ppm under worst-case conditions. Accordingly, under Scenario 1 worst-case conditions, in the event of a catastrophic release, TRC Lowney's evaluation showed that the outdoor concentrations would significantly exceed the ERPG-2 concentration of 150 ppm. With respect to the alternative Scenario 2 release amount, outdoor concentrations of ammonia could reach 5,600 ppm under worst-case conditions at the Project site.

However, the results of the assessment significantly change when the analysis assumes normal wind speeds and atmospheric conditions. Normal conditions assume a wind speed of 3.5 m/sec and atmospheric Stability Class C. For a worst-case release, at a distance of 0.35 mile from the release, outside concentrations are predicted to be approximately 2,300 ppm. At 0.5 mile from the release, the outside concentrations are predicted to be 1,200 ppm. At a distance of one mile from the Scenario 1 worst-case release, the outside concentrations are predicted to be 320 ppm.

Under the alternative Scenario 2 release amount, assuming normal wind speed and atmospheric conditions, at a distance of 0.35 mile from the release, outside concentrations are predicted to be approximately 160 ppm. At 0.5 mile from the release, the outside concentrations are predicted to be 80 ppm. At a distance of one mile from the release, the outside concentrations are predicted to be 22 ppm. It is very clear from the discussion above that the most important determinants for downwind concentrations include atmospheric turbulence and wind speed, and that concentrations are significantly lower under normal conditions. Of course, the direction of the wind will determine the migration path and affected receptors.

6.2 Calpine Agnews Cogeneration Facility Risk Reduction Program

The above discussion evaluates the results of a release in the unlikely event one should occur. A number of factors reduce the risk of such occurrence. Risk management at the Calpine Agnews facility is summarized below.

Based on our discussions with staff at the County of Santa Clara (Jim Blaimy, personal communications, March 2006) the Calpine Agnews facility appears to be exempt from TGO since it is on state-owned land. However, the facility reportedly has completed a seismic evaluation, a hazard and operability study, and has developed mechanical integrity and management programs (hazard reduction practices) in compliance with RMP/CalARP. In addition, Calpine reports that it has had no ammonia related accidents in its operational history (beginning December 1990).

With respect to the seismic evaluation, this facility appears to be located in a Seismic Zone 4, which indicates a high seismic risk. In a high seismic risk zone, damage to gas, sewer, and water mains can occur during an earthquake. To mitigate this risk, the facility reportedly has seismically anchored the ammonia tank, installed flexible lines from the tank to the piping system, and has completed additional seismic bracing upgrades for the ammonia piping system. The seismic evaluation is important since a large gas main supplies the plant, and mechanical integrity of the piping system is important during a seismic event.

In addition to seismic improvements, release reduction measures (mechanical and procedural) have also reportedly been implemented and emergency drills have been conducted with on-site emergency response personnel and the San Jose Fire Department.

The hazard and operability (HAZOP) study for this facility included a break down of the ammonia system into nodes that included delivery, the storage tank, and the dilution skid. At each node, a series of "what if" questions were applied to the node to identify potential deviations/failures that could result in a release, and to identify the potential consequences of each deviation/failure. Then, existing safeguards to prevent each node specific deviation/failure were listed. If the HAZOP team identified insufficient safeguards to prevent deviations/failures, then additional risk reduction measures were recommended. The risk reduction measures were prioritized based on likelihood and the potential consequences of each deviation/failure.

Appendix C of this report includes the HAZOP study conducted for this facility. The HAZOP identifies potential release scenarios, consequences of the potential releases, severity and risk of each scenario, existing safeguards, and recommended risk reduction measures to be taken by the facility. In addition, facility hazard reduction practices are included in Appendix C.

6.2.1 Additional Risk Discussion

To provide additional perspective on the likelihood of a catastrophic event that could result in the loss of the entire contents of the ammonia tank, the HAZOP identified potential root causes that included a seismic event, fire, and mechanical impacts (crane dropping, material/vehicular impact). Another plausible cause could also include an airplane crash into the facility.

To place the terms "highly unlikely" and "improbable" in terms of estimating potential risks, the Bureau of Labor Statistics (BLS) provides statistics relative to fatalities recorded in U.S. industry. According to the BLS, in all of U.S industry 618 fatalities occurred in 2004 as a result of exposure to hazardous substances, fire, and explosions. Estimating a total non-farm work force in the U.S of approximately 130,000,000 persons (BLS), the incidence rate in 2004 for this type of fatality was approximately 0.46 per 100,000 persons employed.

In addition, according to the National Transportation Safety Board (NTSB), in 2001 there were 2.36 aviation accidents per million flight hours and 266 fatalities per 629 million passengers. This translates into a fatality incidence rate of 0.042 fatalities per 100,000 passengers.

Based on industry experience (as reflected in BLS statistics), it would appear that the probability of a serious release resulting in loss of life is very low or highly unlikely. In addition, an aviation accident event that causes a release also has low likelihood or is improbable.

With respect to other mechanical impacts, the Calpine HAZOP reports that the layout of the facility, steel guard poles, and 5 mph speed limitations, reduce the possibility that vehicle impacts upon the ammonia system could occur. In addition, excess flow valves are identified as a mechanical safety measure should piping be damaged. Excess flow valves generally sense high flow (due to a pipe break) and shut flow off if detected. The safeguards for crane operations are procedural and training related.

Finally, a fire event was also identified as a potential cause of a release of ammonia from the tank. However this event was deemed unlikely since no flammable materials are stored near the tank and the tank facility is constructed of concrete and steel. As discussed in Section 6.1.1 above, if a release were to occur, the offsite risks would be dependent upon strength of release, distance from the release, atmospheric conditions, wind speed, and wind direction.

Based on meteorological data obtained from the San Francisco Airport (the nearest regional facility with available data) for the years 1984 and 1992, the wind blows from the west to northwest (3 wind vector directions) approximately 49% of the time. Wind blows less than 5% of the time from each of the other 13 wind vector directions. In addition, worst-case wind speeds (all directions) and calms occur approximately 7% of the time. Therefore, wind speeds conducive to plume dilution (lower downwind concentrations and less severe impacts) occur approximately 93% of the time.

In summary, the particular risk at any "location" in the vicinity of the Calpine facility is based on: (1) the likelihood of an event that compromises the integrity of the ammonia tank/piping system such that ammonia is released; (2) the relative likelihood of release size and amount; (3) the likelihood that in place engineering features fail to mitigate the leaking ammonia; (4) the likelihood that there is an operational failure to initiate emergency shut-down and plant level emergency procedures; (5) the likelihood that first responders fail to or are unable to respond in a timely fashion; (6) the likelihood that wind is blowing towards the location; and (7) the likelihood that atmospheric conditions and wind speed are not conducive to rapid dispersion of the released material.

7.0 CONCLUSIONS

The potential for adverse health consequences related to a catastrophic release of a large amount of ammonia could be substantial at significant distances from the Calpine facility.

However, the likelihood that a significant release of ammonia from the Calpine facility will occur is very low based on industry statistics, Calpine's experience, and the reported programs and controls in place. Moreover, any potential risk associated with these industrial facilities is not project-specific, but rather regional in nature given the potentially significant impact of such potential release at distances of several miles from the facility, since sensitive receptors including schools, hospital, recreational areas, medical clinics, and residential land uses were noted within a 1-mile radius of the Calpine facility.

8.0 LIMITATIONS

As with all site assessments, the extent of information obtained is a function of client demands, time limitations, and budgetary constraints. Our conclusions and recommendations regarding the site are based on readily observable site conditions, review of readily available documents and data collected and/or reported by others. We are not responsible for the accuracy of information or data presented by others.

This report was prepared for the sole use of Fairfield Residential and Bingham McCutchen LLP. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location.

If you have any questions, please call and we shall be glad to discuss them with you.

Very truly yours,

TRC LOWNEY

Daniel W. Hernandez, C.I.H.
Senior Risk Assessor

Leonardo Alvarez, P.G., C.E.G.
Senior Project Geologist

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE ★ INCORPORATED ★ CERTIFICATION NUMBER 4050 CP EXPIRES 6-1-2011 ★ PENNSYLVANIA - 1960 ★ DANIEL WILHELM HERNANDEZ, C.I.H.

LA:DH:AJB:cah

Copies: Addressee (2)

Figure 1. Vicinity Map
Figure 2. Land Use

Appendix A- EDR Database Report
Appendix B- Select Records from the San Jose and Milpitas Fire Departments
Appendix C- Hazard and Operability (HAZOP) Study

MV, 2189-1A Site Vicinity Risk Assessment.doc

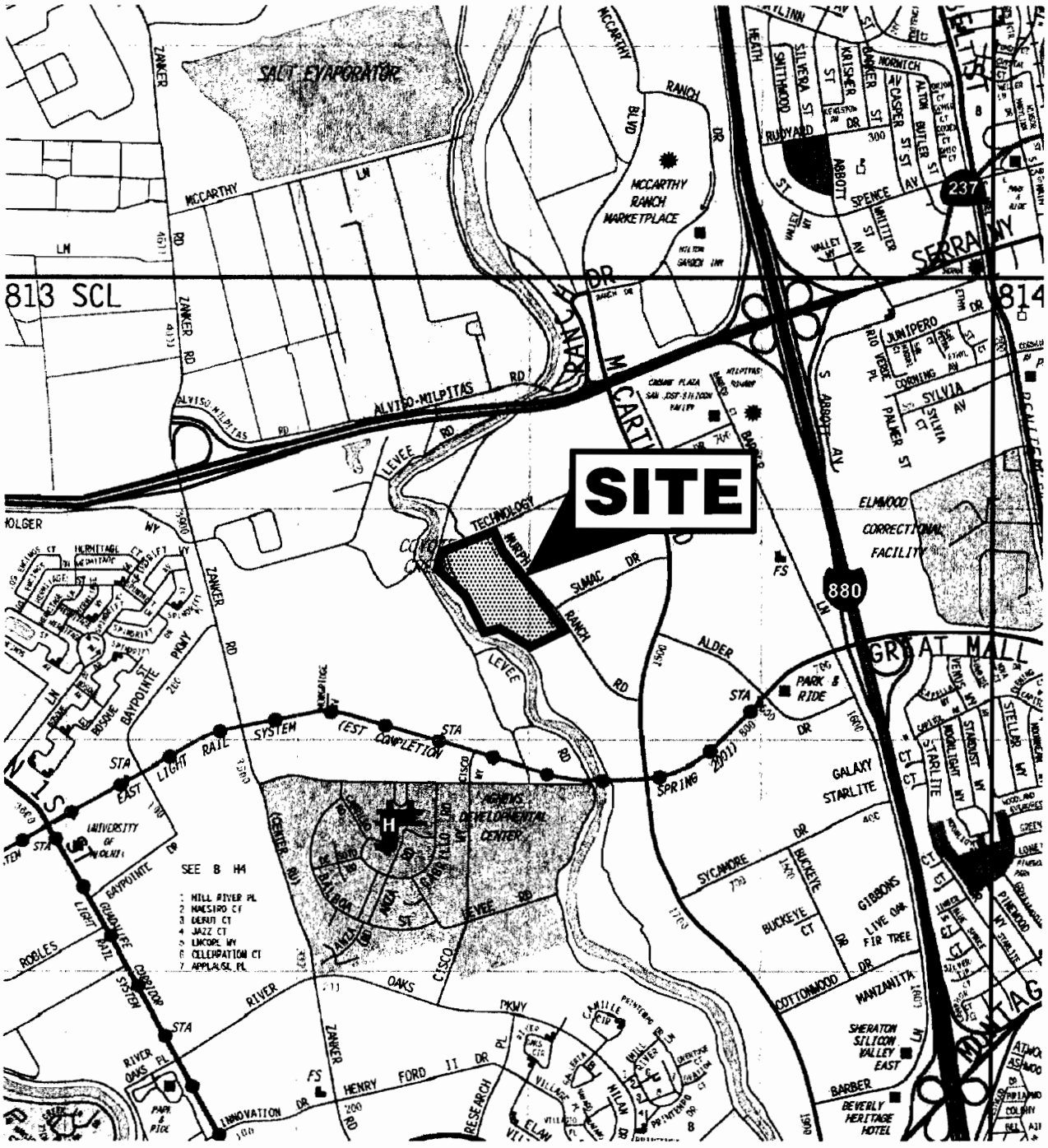
REFERENCES

FEMA, 1989. Handbook of Chemical Hazard Analysis Procedures. Federal Emergency Management Agency Publications Office, 500 C Street, S.W. Washington, D.C. 20472

Trinity Consultants, 1991. Users Manual for DEGADIS 2.1. Trinity Consultants Inc., 12801 North Central Expressway, Suite 1200, Dallas, Texas. 75243. September 1991

U.S. EPA, 1989. User's Guide for the DEGADIS 2.1 Dense Gas Dispersion Model. Office of Air Quality Planning and Standards Office of Air and Radiation. U.S. Environmental Protection Agency Research Triangle Park, NC 27711

Wind Rose Data from Station #23234 San Francisco International Airport 1984, 1992



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VICINITY MAP

1001 MURPHY RANCH ROAD
Milpitas, California

TRC Lowney

FIGURE 1
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N

LEGEND

- Zoning PD use: Industrial Park/Light Industrial
- Zoning PD use: Residential
- Zoning PD use: Open Space
- Zoning PD use: Commercial

0 1/4 mile

Base by USGS TerraServer, dated 2/04.

LAND USE
1001 MURPHY RANCH ROAD
Milpitas, California

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FIGURE 2
2189-1A

2/06 EB

APPENDIX A

SELECT RECORDS FROM THE SAN JOSE AND MILPITAS FIRE DEPARTMENTS

COPY

RECEIVED
DEC 15 2003
MILPITAS
FIRE PREVENTION

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
		CAD982434714	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

Maxtor Corporation

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

Date: 12/10/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Building 1, HDB Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11204	ACETONE		99	☐	67-64-1	☒ pure ☐ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute hea ☐ chronic he. ☐ radioactive
		CAS No.: 67-64-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11204	ISOPROPYL ALCOHOL		99	☐	67-63-0	☒ pure ☐ mixture	8	4	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-63-0 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11204	VERTREL XF	2,3-Dihydroperfluoropentane	99	☐	138495-42-8	☒ pure ☐ mixture	5	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 138495-42-8 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
OXY/ COR	11204	NITRIC ACID	Nitric Acid	70%	☐	7697-37-2	☐ pure ☒ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
COR	11204	SULFURIC ACID	Sulfuric Acid	98	☐	7664-93-9	☒ pure ☐ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7664-93-9 ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
—	11204	LIQUID NITROGEN	Liquid Nitrogen	99	☐	7727-37-9	☒ pure ☐ mixture	124	124	62	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☒ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7727-37-9 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 12/10/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 4 of 18 (One page per building or area)

Chemical Location: Building 1, HDB Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11204B	ACETONITRILE CAS No.: 75-05-8	Acetonitrile	99	☐	75-05-8	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	4 Days On Site: 365	1 Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute hea' ☐ chronic hi. ☐ radioactive
FL	11204B	HEXANE CAS No.: 110-54-3	Hexane	90	☐	110-54-3	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	4 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11204B	ISOPROPYL ALCOHOL CAS No.: 67-63-0	Isopropyl Alcohol	99	☐	67-63-0	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11204B	METHANOL CAS No.: 67-56-1	Methyl Alcohol	99	☐	67-56-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
FL	11204B	VERTREL XF CAS No.: 138495-42-8	2,3-Dihydroperfluoropentane	99	☐	138495-42-8	☒ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
CL	11204B	DECANE CAS No.: 124-18-5	Decane	99	☐	124-18-5	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	4 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 12/10/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 5 of 18 (One page per building or area)

Chemical Location: Building 1, FA Lab
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11904	ACETONE		99	☐	67-64-1	☒ pure ☐ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute hea ☐ chronic h. ☐ radioactive
		CAS No.: 67-64-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11904	CYCLOHEXANE		100	☐	110-82-7	☒ pure ☐ mixture	3	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 110-82-7 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
FL	11904	CYCLOHEXENE		100	☐	110-83-8	☒ pure ☐ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 110-83-8 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11904	HEXANE		90	☐	110-54-3	☐ pure ☒ mixture	5	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 110-54-3 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11904	ISOPROPYL ALCOHOL		99	☐	67-63-0	☒ pure ☐ mixture	5	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-63-0 ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL	11904	METHANOL		99	☐	67-56-1	☒ pure ☐ mixture	3	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-56-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 12/10/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 6 of 16 (One page per building or area)

Chemical Location: Building 1, FA Lab (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FL	11904	VERTREL XF CAS No.: 138495-42-8 ☐ EHS	2,3-Dihydroperfluoropentane	99	☐	138495-42-8	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute heal ☐ chronic hea. ☐ radioactive
—	11904	AK-225 CAS No.: ☐ EHS	3,3-Dichloro-1,1,1,2,2-pentafluoropropane 1,3-Dichloro-1,1,2,2,3-pentafluoropropane	45 55	☐ ☐	422-56-0 507-55-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	3 Curies: (If radioactive)	2 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
—	11904	1,1,2-TRICHLORO-1,2,2-TRIFLUORO-ETHANE CAS No.: 76-13-1 ☐ EHS		100	☐	76-13-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
POISON	11904	METHYLENE CHLORIDE CAS No.: 75-09-2 ☐ EHS		100	☐	75-09-2	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	2 Curies: (If radioactive)	1 Days On Site: 365	1 Storage Container:* M	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
NFG	11906	HELIUM CAS No.: 7440-59-7 ☐ EHS		100	☐	7440-59-7	☒ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	1746 Curies: (If radioactive)	1746 Days On Site: 365	291 Storage Container:* L	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
—	11906	LIQUID NITROGEN CAS No.: 7727-37-9 ☐ EHS	Liquid Nitrogen	99	☐	7727-37-9	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	124 Curies: (If radioactive)	124 Days On Site: 365	62 Storage Container:* L	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☒ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 12/10/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Maxtor Corporation
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

(One page per building or area)

Chemical Location: Building 1, FA Lab
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

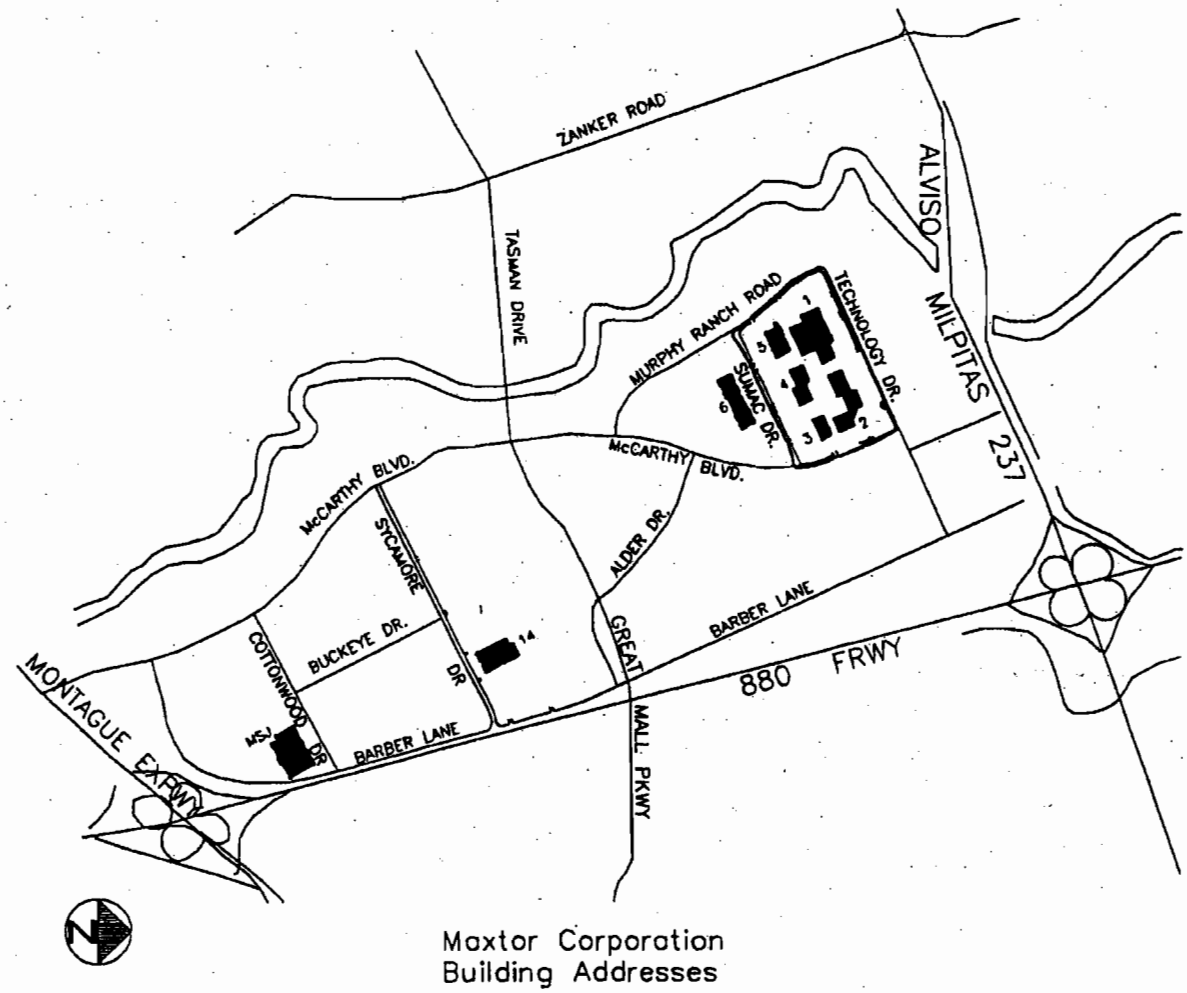
1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only): Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes: Storage Pressure	Storage Temp.	9. Hazard Categories
OXY	11906	COMPRESSED OXYGEN CAS No.: 7782-44-7 ☐ EHS		99	☐	7782-44-7	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	582 Curies: (If radioactive)	291 Days On Site: 365	291 Storage Container:* L	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☒ acute heal ☐ chronic he. ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

*

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Maxtor®



Maxtor Corporation
Building Addresses

Campus

Building 1
1140 Technology Dr.
Milpitas, CA. 95035

Building 2
500 McCarthy Blvd.
Milpitas, CA. 95035

Building 3
900 Sumac Dr.
Milpitas, CA. 95035

Building 4
1000 Sumac Dr.
Milpitas, CA. 95035

Building 5
1101 Sumac Dr.
Milpitas, CA. 95035

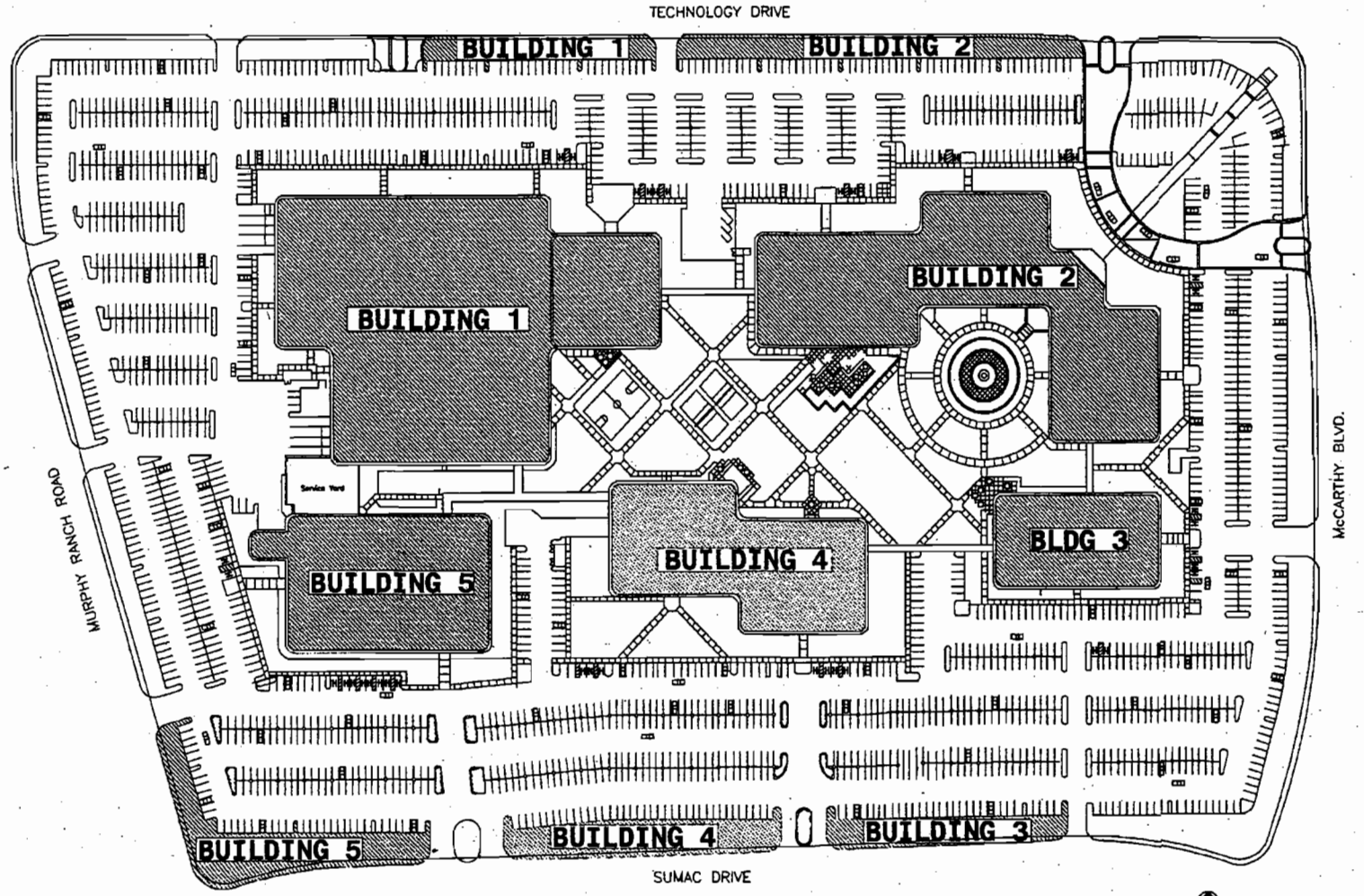
Building 6
601 McCarthy Blvd.
Milpitas, CA. 95035

Sycamore

Building 14
525 Sycamore Dr.
Milpitas, CA. 95035

Maxtor

MAIN CAMPUS
EVACUATION ASSEMBLY AREA



Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: H&SC, Section 25504(b); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made *(see section 3, below)*.

1. Evacuation Plan:

a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all that apply)*:

☐ Bells; ☒ Horns/Sirens; ☐ Verbal *(i.e. shouting)*; ☒ Other *(specify)* Strobe Light

b. ☒ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance	Phone No. **911**
State Office of Emergency Services	Phone No. **(800) 852-7550**

b. Post-Incident Contacts*:

Fire Department Hazardous Materials Program	Phone No.: **(408)586-3365**
Santa Clara County Hazardous Materials Compliance Division	Phone No. **(408) 299-6930**
California EPA Department of Toxic Substances Control	Phone No. **(510) 540-3739**
Cal-OSHA Division of Occupational Safety and Health	Phone No. **(408) 452-7288**
Bay Area Air Quality Management District	Phone No. **(415) 771-6000**
Regional Water Quality Control Board	Phone No. **(510) 622-2300**

**** These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.***

c. Emergency Resources:

Poison Control Center			Phone No. **(800) 876-4766**	
Nearest Hospital:	Name:	Regional Medical Center of San Jose	Phone No.:	(408)258-5000
	Address:	225 N. Jackson Avenue	City:	San Jose, CA

3. Arrangements With Emergency Responders:

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

4. Emergency Procedures:

Emergency Coordinator Responsibilities:

a. Whenever there is an imminent or actual emergency situation such as a explosion, fire, or release, the emergency coordinator *(or his/her designee when the emergency coordinator is on call)* shall:

   i. Identify the character, exact source, amount, and areal extent of any released hazardous materials.

   ii. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects *(e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.).*

   iii. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.

   iv. Notify appropriate local authorities *(i.e. call 911).*

   v. Notify the State Office of Emergency Services at 1-800-852-7550.

   vi. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.

   vii. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.

b. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:

   i. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.

   ii. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

   iii. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.

   iv. Notify the California Environmental Protection Agency's Department of Toxic Substances Control, the County of Santa Clara's Hazardous Materials Compliance Division, and the local fire department's hazardous materials program that the facility is in compliance with requirements b-i and b-ii, above.

Responsibilities of Other Personnel:

On a separate page, list any emergency response functions not covered in the "Emergency Coordinator Responsibilities" section, above. Next to each function, list the job title or name of each person responsible for performing the function. Number the page(s) appropriately.

5. Post-Incident Reporting/Recording:

The time, date, and details of any hazardous materials incident that requires implementation of this plan shall be noted in the facility's operating record.

Within 15 days of any hazardous materials emergency incident or threatened hazardous materials emergency incident that triggers implementation of this plan, a written Emergency Incident Report, including, but not limited to a description of the incident and the facility's response to the incident, must be submitted to the California Environmental Protection Agency's Department of Toxic Substances Control, the County of Santa Clara's Hazardous Materials Compliance Division, and the local fire department's hazardous materials program. The report shall include:

a. Name, address, and telephone number of the facility's owner/operator;
b. Name, address, and telephone number of the facility;
c. Date, time, and type of incident *(e.g. fire, explosion, etc.)*;
d. Name and quantity of material(s) involved;
e. The extent of injuries, if any;
f. An assessment of actual or potential hazards to human health or the environment, where this is applicable;
g. Estimated quantity and disposition of recovered material that resulted from the incident;
h. Cause(es) of the incident;
i. Actions taken in response to the incident;
j. Administrative or engineering controls designed to prevent such incidents in the future.

INCIDENT COMMAND STAFF – RESPONSIBILITIES:

DIRECTOR, FACILITIES AND SITE SERVICES:

- Acts as the Incident Commanders during emergencies.
- Provides overall direction during emergencies.
- Facilitates press release information.
- Serves as a liaison with senior management and community.
- Insures that Incident Command Staff trains subordinate staff in emergency response procedures.

SENIOR MANAGER, ENGINEERING/BUSINESS OPERATIONS:

- Coordinates activities of the Facilities Staff during emergencies.
- Develops and insures the Recovery Team is available during and after the emergency.
- Coordinates Environmental Health & Safety activities during emergencies.
- Provides guidance to Incident Command Staff during emergencies.
- Insures that Emergency Response Staff receives training in emergency response and mitigation.
- Develops training for the Emergency Response Team.
- Acts as Emergency Response Team Incident Commander.
- Coordinates activities of Health Service and MERT during emergencies.

SECURITY MANAGER:

- Maintains communications during emergencies.
- Coordinates Security activities during emergencies.

HUMAN RESOURCES:

- Coordinates personnel activity and reporting during emergencies.

FACILITIES ENGINEERING MANAGER:

- Identifies potential recovery issues.
- Initiates recovery surveys.

EQUIPMENT TECHNOLOGY MANAGER:

- Assess damage to production equipment and tooling
- Finds sources for replacement equipment (new and used)
- Runs scenarios to determine the best ways to utilize available equipment

6. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☐ Chemical Protective Gloves		
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☒ First Aid Kits/Stations *(describe)*	Coffee Stations	General Office/Light Industrial
	☐ Hard Hats		
	☒ Plumbed Eye Wash Stations	Chemical Labs	
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☒ Safety Glasses/Splash Goggles	Chemical Labs	
	☒ Safety Showers	Chemical Labs	
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☒ Automatic Fire Sprinkler Systems	Building Wide	
	☒ Fire Alarm Boxes/Stations	Building Exits	
	☒ Fire Extinguisher Systems *(describe)*	Every 72 ft.	Dry Chemical (ABC Type)
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☒ Absorbents *(describe)*	Chemical Labs	
	☐ Berms/Dikes *(describe)*		
	☐ Decontamination Equipment *(describe)*		
	☐ Emergency Tanks *(describe)*		
	☒ Exhaust Hoods	Chemical Labs	
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☒ Neutralizers *(describe)*	Chemical Labs	
	☒ Overpack Drums	Chemical Labs	
	☐ Sumps *(describe)*		
	☐ Other *(describe)*		
Communications and Alarm Systems	☐ Chemical Alarms *(describe)*		
	☐ Intercoms/ PA Systems		
	☒ Portable Radios	ERT/Facility/Sec.	
	☒ Telephones	Building Wide	
	☐ Underground Tank Leak Detection Monitors		
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed.)*	☐		
	☐		
	☐		
	☐		
	☐		
	☐		

* *Use the map and grid numbers from the Storage Map prepared earlier for your HMBP.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: H&SC, Section 25504(c); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. If you already have a training plan, you are not required to complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. **Personnel** are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☒	Location(s) and contents of Emergency Response/Contingency Plan
☒	Facility evacuation drills, that are conducted at least *(specify)* **once a year** *(e.g. "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption)* *
☐	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

☒	Personnel rescue procedures
☐	Shutdown of operations
☐	Liaison with responding agencies
☒	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)* **twice a month** *(e.g. "Quarterly", etc.)*

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. If you already have a brief written description of your hazardous materials recordkeeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e. written description of introductory and continuing training)* *
☐	Current copy of this Emergency Response/Contingency Plan *
☐	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☐	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *(Exception: Available from your local agency is a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the example provided, you do not need to attach a copy.)*

Check the appropriate box:

☐	We will use the "Hazardous Materials/Waste Storage Area Inspection Form" (Document No. UN-023) to document inspections.
☒	We will use our own documents to record inspections. *(A blank copy of each document used must be attached to this HMBP.)*

Aboveground Separation, Containment, and Monitoring Plan

(Appendix to Hazardous Materials Business Plan and Registration Form)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location	**HDB Lab**	**FA Lab**	**CCE Lab**	**Chem Shed**	
Storage Type	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☒ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☒ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors
Primary Containment	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☒ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☒ Approved cabinets ☐ Secondary drum ☐ Tray ☒ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☒ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☒ Visual ☐ Automatic sensors ☐ Other	☐ Visual ☐ Automatic sensors ☐ Other
Monitoring Frequency	☐ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☒ Weekly ☐ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☒ Monthly ☐ Continuous ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Continuous ☐ Other

In the space provided below, describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring. Attach additional pages if needed:

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION FORM

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: H&SC §25503.3(c)

To: Agency Name: Milpitas Fire Department, Bureau of Fire Prevention

Agency Mailing Address: 777 South Main Street

Milpitas, CA 95035

Pursuant to Section 25503.3(c) of California Health and Safety Code (H&SC), the Hazardous Materials Business Plan (HMBP) certification described below is hereby submitted for the following facility:

Facility Name: Maxtor Corporation

Facility Street Address: 1140 Technology Drive, Building 1 City: Milpitas

Date of Current HMBP: 12/10/2003.

I certify that: *(Check the appropriate box.)*

☐ I have personally reviewed the Hazardous Materials Business Plan currently on file with your agency and certify that the HMBP is complete and accurate. *(See bottom of page for details.)* **or**

☒ Revisions to the Hazardous Materials Business Plan are necessary. The HMBP as revised is being implemented. A copy of the revisions is enclosed with this Certification.

OWNER/OPERATOR CERTIFICATION: I hereby certify under penalty of law that, based upon my inquiry of those individuals responsible for obtaining the information reported above, I believe that the submitted information is true, accurate, and complete. I understand that a revised HMBP must be submitted within 30 days of any change in this facility's storage or handling of hazardous materials which would require updating of the HMBP.

Name of Owner/Operator *(Print)*: Premie Pascual Title: Sr. EH&S/Security Manager

Signature of Owner/Operator: _____ Date: 12 / 10 / 03

By checking the upper box on this form, you are certifying that:

- The information contained in the HMBP most recently submitted is complete, accurate, and up-to-date; **and**
- There has been no change in the quantity of any hazardous material as reported in the most recently submitted Hazardous Materials Inventory forms; **and**
- The facility has not begun handling any hazardous material in a HMBP reportable quantity which is not currently listed in the Hazardous Materials Inventory; **and**
- The HMBP most recently submitted HMBP contains the information required by Section 11022 of Title 42 of the United States Code; **and**
- There have been no substantial changes in the facility's hazardous materials operations which would require revision of the current HMBP.

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: MILPITAS - MURPHY RANCH PUMP STA.		**DATE:** 4/12/2004	**PAGE:** 1 of 1
LOCATION: A	**EPCRA CONFIDENTIAL:** NO	**TRADE SECRET:** NO	**FACILITY ID#:** 43-011-871008

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	Map: NONE Grid: NONE	DIESEL CAS#: 68334-30-5 EHS: NO	COMPONENT NAME / EHS / % / CAS# DIESEL / N / 99 / 68334-30-5 *NAPHTHALENE / N / 1 / 91-20-3	LIQUID (PURE)	MAX: 2000 LARGEST: 2000 AVG: 1500 CURIES: 0 DAYS: 365 CONTAINERS: A	GAL	Pressure Temp AMBIENT AMBIENT	FIRE ACUTE HEALTH

STORAGE CONTAINER CODES

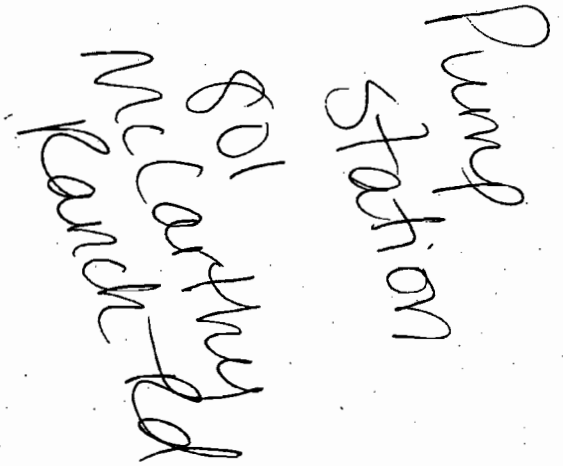
A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

Back to Site Menu



Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(b); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). **If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.**

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made *(see section 3, below)*.

1. Evacuation Plan:

a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all that apply)*:

☐ Bells; ☐ Horns/Sirens; ☒ Verbal *(i.e. shouting)*; ☐ Other *(specify)* _____

b. ☐ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance	Phone No. **911**
State Office of Emergency Services	Phone No. **(800) 852-7550**

b. Post-Incident Contacts*:

Fire Department Hazardous Materials Program	Phone No.: (___) __**586-3365**_____
Santa Clara County Hazardous Materials Compliance Division	Phone No. **(408) 918-3400**
California EPA Department of Toxic Substances Control	Phone No. **(510) 540-3739**
Cal-OSHA Division of Occupational Safety and Health	Phone No. **(408) 452-7288**
Air Quality Management District	Phone No. **(415) 771-6000**
Regional Water Quality Control Board	Phone No. **(510) 622-2300**

** These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.*

c. Emergency Resources:

Poison Control Center	Phone No. **(800) 876-4766**
Nearest Hospital: Name: **Regional Med Center**_____	Phone No.: (___) _**259-5000**_____
Address: **225 N Jackson**	City: **San Jose**

3. Arrangements With Emergency Responders:

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

7. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☒ Chemical Protective Gloves		
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☒ First Aid Kits/Stations *(describe)*		
	☒ Hard Hats		
	☐ Plumbed Eye Wash Stations		
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☒ Safety Glasses/Splash Goggles		
	☐ Safety Showers		
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☐ Automatic Fire Sprinkler Systems		
	☐ Fire Alarm Boxes/Stations		
	☐ Fire Extinguisher Systems *(describe)*		
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☒ Absorbents *(describe)*		
	☐ Berms/Dikes *(describe)*		
	☐ Decontamination Equipment *(describe)*		
	☐ Emergency Tanks *(describe)*		
	☐ Exhaust Hoods		
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☒ Neutralizers *(describe)*		
	☒ Overpack Drums		
	☐ Sumps *(describe)*		
	☐ Other *(describe)*		
Communications and Alarm Systems	☐ Chemical Alarms *(describe)*		
	☐ Intercoms/ PA Systems		
	☒ Portable Radios		
	☒ Telephones		
	☐ Underground Tank Leak Detection Monitors		
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed.)*	☐		
	☐		
	☐		
	☐		
	☐		
	☐		

* *Use the map and grid numbers from the Storage Map prepared earlier for your HMBP.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(c); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. **Personnel** are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☐	Emergency incident reporting
☐	External emergency response organization notification
☐	Location(s) and contents of Emergency Response/Contingency Plan
☐	Facility evacuation drills, that are conducted at least *(specify)* _____ *(e.g. "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☐	Location(s) and proper use of fire and spill control equipment
☐	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☐	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption)* *
☐	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g. container accumulation. time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

☐	Personnel rescue procedures
☐	Shutdown of operations
☐	Liaison with responding agencies
☐	Use, maintenance, and replacement of emergency response equipment
☐	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)* _____ *(e.g. "Quarterly", etc.)*

Record Keeping

(Hazardous Materials Business Plan Module)

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials recordkeeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e. written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☐	Record of hazardous material/waste storage area inspections *
☒	Record of hazardous waste tank daily inspections *
☐	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *(Exception: Available from your local agency is a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the example provided, you do not need to attach a copy.)*

Check the appropriate box:

☒	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be attached to this HMBP.)***

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # *(Agency Use Only)*	1.	EPA ID # (Hazardous Waste Only)	2.
43 0060 4087677		CAL000275218	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

Los Esteros Critical Energy Facility

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4.	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6.	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☒ YES ☐ NO 8.	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11.	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12.	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13.	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14.	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

APPROVED FOR COMPLIANCE WITH HAZ MAT REQUIREMENTS.

MZ DATE 11/26/03

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # *(Agency Use Only)* 43 060 40876 7	BEGINNING DATE 100. 11/1/03	ENDING DATE 101. 10/31/04	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 1. Los Esteros Critical Energy Facility		BUSINESS PHONE 102. (408) 635-1300	
BUSINESS SITE ADDRESS 103. 800 Thomas Foon Chew Way			
CITY 104. San Jose	CA	ZIP CODE 105. 95134	
DUN & BRADSTREET 106.		SIC CODE (4 digit #) 107. 4911	
COUNTY 108. Santa Clara			
BUSINESS OPERATOR NAME 109. Calpine Corporation		BUSINESS OPERATOR PHONE 110. (408) 635-1300	

II. BUSINESS OWNER

OWNER NAME 111. Calpine Corporation		OWNER PHONE 112. (925)479-6600
OWNER MAILING ADDRESS 113. 4160 Dublin Blvd		
CITY 114. Dublin	STATE 115. CA	ZIP CODE 116. 94568

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117. Dana Petrin, Compliance Manager, South Bay Projects		CONTACT PHONE 118. (408) 592-7915
CONTACT MAILING ADDRESS 119. P.O. Box 1764		
CITY 120. Gilroy	STATE 121. CA	ZIP CODE 122. 95021

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123. Charles Hoock	NAME 128. Dana Petrin
TITLE 124. Operations Manager	TITLE 129. Compliance Manger
BUSINESS PHONE 125. (408) 456-2690	BUSINESS PHONE 130. (408) 847-5328
24-HOUR PHONE* 126. (408) 640-2324	24-HOUR PHONE* 131. (408) 592-7915
PAGER # 127.	PAGER # 132. (831) 643-7176

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: Calpine Corporation Phone No.: (925) 479-6600

Billing Address: 4160 Dublin Blvd, Dublin, CA 94568

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE FOR	DATE 134 11/05/03	NAME OF DOCUMENT PREPARER 135. Dana Petrin
NAME OF SIGNER (print) 136. Robert McCaffrey	TITLE OF SIGNER 137. General Manager, South Bay Projects	

* See Instructions on next page.

Date: 11/03/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Los Esteros Critical Energy Center (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Los Esteros Critical Energy Center (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-060-408767

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
Non-Hazardous	A	Hyvolt II Transformer Insulating Oil	Severely Hydroteated Lightnapthentic Petroleum Butylated	99.7	☐	64742-53-6	☐ pure ☒ mixture	26052	26052	6513	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☐ ambient ☒ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Hydroxytolulene	0.3	☐									
		CAS No.: 64742-53-6 ☐ EHS			☐		☒ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* R				
8	B	Sulfuric Acid	Sulfuric Acid, H2SO4	93-98	☐	7664-93-9	☐ pure ☒ mixture	5000	3500	5000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Water	Bal	☐									
		CAS No.: 7664-93-9 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* O				
8	C	Sodium Hypochlorite (bleach)	Soduim Hypochlorite	12	☐	7681-52-9	☐ pure ☒ mixture	5000	3500	5000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Water	bal	☐									
		CAS No.: 7671-52-9 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* O				
N/R	D	SUVA 123	Dichlorotrifluorethane	100	☐	306-83-2	☒ pure ☐ mixture	9360	9360	4180	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
		CAS No.: 306-83-2 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* R				
2.2	E	Nitrogen	Nitrogen	100	☐	7227-37-9	☒ pure ☐ mixture	2400	1200	300	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7227-37-9 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* L				
2.1	N/A	Natural Gas (pipeline)	Methane	70-99	☐		☐ pure ☒ mixture	N/A	N/A	N/A	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☐ ambient ☒ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Nitrogen	0-29	☐	7227-37-9								
			Ethane	0-9	☐									
		CAS No.: 8006-14-2 ☐ EHS	Propane	0-5	☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* R				
			Butane	0-3	☐									

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Date: 11/01/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Los Esteros Critical Energy Center (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Los Esteros Critical Energy Center (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-060-40876-7

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes: Storage Pressure	Storage Temp.	9. Hazard Categories
8	F	Battery Acid	Sulfuric Acid	<30	☐	7664-93-9	☐ pure ☒ mixture	2200	2200	132	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb.	☐ ambient ☒ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Water	bal	☐									
		CAS No.: 7664-93-9-6 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* R				
2.2	E	CO/O2 Calibration Gas	Carbon Monoxide	.06	☐	630-08-0	☐ pure ☒ mixture	2400	1600	200	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb ☐ < amb.	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Oxygen	15	☐	7228-44-7								
			Nitrogen	bal	☐	7727-37-9	☐ solid ☐ liquid ☒ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* L				
		CAS No.: 7664-93-9 ☐ EHS			☐									
2.2	E	NOX Calibration Gas	Nitric Oxide	.01	☐		☐ pure ☒ mixture	2400	1600	200	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Nitrogen	bal	☐	7727-37-9								
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* L				
2.2	G	Carbon Dioxide	Carbon Dioxide	100	☐		☒ pure ☐ mixture	6000	6000	100	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☐ ambient ☒ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 57-55-6 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* L				
N/R	H	Royco	Tricresyl Phosphate	2	☐	1330-78-5	☐ pure ☒ mixture	710	655	150	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			1-napthalenamine, N-phenyl	2	☐	90-30-2								
			Pentaerythritol Esters	95	☐	68424-31-7	☒ solid ☐ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* A				
		CAS No.: ☐ EHS			☐									
N/R	H	Hydraulic Oil 46	2-ethylhexanol	<5	☐	104-76-7	☐ pure ☒ mixture	710	655	150	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			zinc	<.06	☐	7440-66-6								
			Phosphorodithoic acid	<.06	☐	68649-42-3	☒ solid ☐ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* A				
		CAS No.: ☐ EHS			☐									

* Storage Type Codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Non-metallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below: _____

Date: 11/01/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Los Esteros Critical Energy Center (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Los Esteros Critical Energy Center (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-0060-408767

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
N/R	I	GST 32 Generator Lubricating Oil	Highly refined base oils with additives. Any combination of the following CAS Number		☐	72623-83-7	☐ pure ☒ mixture	2165	2055	500	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐	64742-54-7								
					☐	64741-88-4	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* A				
		CAS No.: ☐ EHS			☐	64741-89-5								
					☐	64741-96-5								
8	J	Aqueous Ammonia	Ammonia	19	☐	1336-21-6	☐ pure ☒ mixture	10000	7000	10000	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Water	bal	☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* A				
		CAS No.: 1336-21-6 ☐ EHS			☐									
N/R	M	Turbine Oil GST-68	Severely hydrotreated hydrocarbon oil and additives	100	☐	72623-85-9	☐ pure ☒ mixture	165	165	55	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* D				
		CAS No.: ☐ EHS			☐									
N/R	K	Turbine Oil GST-100	Severely hydrotreated hydrocarbon oil and aditives	100	☐	72623-85-9	☐ pure ☒ mixture	280	280	55	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* D				
		CAS No.: ☐ EHS			☐									
8	L	Nalco 7396	Tetrapotassium Pyrpphosphate	100	☐	7320-34-5	☒ pure ☐ mixture	400	200	400	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* O				
		CAS No.: ☐ EHS			☐									
N/A	L	TRASAR 23263	Non-Hazardous		☐		☐ pure ☒ mixture	400	200	400	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* O				
		CAS No.: ☐ EHS			☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 11/01/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Los Esteros Critical Energy Facility, LLC (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Los Esteros Critical Energy Facility (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☒ Yes; ☐ No

Facility ID # (Agency Use Only): 43-060-4087677

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	S	VITEC 3000 Anti Scale	Phosphonic Acid Salt	12	☐	Poprietary	☐ pure ☒ mixture	70	55	70	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Alkali Hydroxide	9	☐	Poprietary								
			Aminotrialkylphosphornic Acid	16	☐	Poprietary	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* E				
		CAS No.: ☐ EHS	Phosphonic Acid	1	☐	Poprietary								
			Inorganic Acid	.2	☐	Poprietary								
8	S	Sodium Bisulfite	Sodium Bisulfite	40	☐	7631-90-5	☐ pure ☐ mixture	60	30	60	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐									
					☐									
8	L	Nalco 8338	Sodium nitrite	30	☐	7632-00-0	☐ pure ☒ mixture	20	10	20	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			Sodium Tolyltriazole	5	☐	64665-57-2								
			Sodium Hydroxide	1	☐	1310-73-2	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* O				
		CAS No.: ☐ EHS			☐									
					☐									
8	L	Nalco 2584	Caustic Soda		☐		☐ pure ☐ mixture	40	40	40	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.: ☐ EHS			☐									
					☐									
N/A	N	Envirotemp FR3 Fluid	Non-Hazardous		☐		☐ pure ☒ mixture	2826	2826	599	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☐ ambient ☒ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* A				
		CAS No.: ☐ EHS			☐									
					☐									
3	O	Diesel Fuel			☐		☒ pure ☐ mixture	320	320	320	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive) N/A	Days On Site: 365	Storage Container:* A				
		CAS No.: 68334-30-5 ☐ EHS			☐									
					☐									

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 11/01/2003

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Los Esteros Critical Energy Facility, LLC (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: Los Esteros Critical Energy Facility (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-060-408767

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only): Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes: Storage Pressure	Storage Temp.	9. Hazard Categories
N/A	P	Diala Oil AX CAS No.: 64742-53-6 ☐ EHS			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	9210 Curies (If radioactive): N/A	9210 Days On Site: 365	4605 Storage Container:* A	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☐ ambient ☒ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies (If radioactive):	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies (If radioactive):	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies (If radioactive):	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies (If radioactive):	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies (If radioactive):	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

____

Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(b); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

408767

All facilities that handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). **If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.**

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made *(see section 3, below)*.

1. Evacuation Plan:

a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all that apply)*:

☒ Bells; ☒ Horns/Sirens; ☒ Verbal *(i.e. shouting)*; ☒ Other *(specify)* **Plant Paging System**

b. ☐ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance	Phone No. **911**
State Office of Emergency Services	Phone No. **(800) 852-7550**

b. Post-Incident Contacts*:

Fire Department Hazardous Materials Program	Phone No.: **(408) 277-4659**
Santa Clara County Hazardous Materials Compliance Division	Phone No. **(408) 918-3400**
California EPA Department of Toxic Substances Control	Phone No. **(510) 540-3739**
Cal-OSHA Division of Occupational Safety and Health	Phone No. **(408) 452-7288**
Air Quality Management District	Phone No. **(415) 771-6000**
Regional Water Quality Control Board	Phone No. **(510) 622-2300**

** These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.*

c. Emergency Resources:

Poison Control Center	Phone No. **(800) 876-4766**
Nearest Hospital: Name: **O'Conner Hospital**	Phone No.: **(408) 947-4444**
Address: **2105 Forest Avenue**	City: **San Jose**

3. Arrangements With Emergency Responders:

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

7. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	☒ Cartridge Respirators	F6	
	☒ Chemical Monitoring Equipment *(describe)*	F6	Ammonia Gas Detector, Confined Space Monitors
	☒ Chemical Protective Aprons/Coats	F6	
	☒ Chemical Protective Boots	F6	
	☒ Chemical Protective Gloves	F6,B7	
	☒ Chemical Protective Suits *(describe)*	F6	Level B suits available
	☒ Face Shields	F6, B7	
	☒ First Aid Kits/Stations *(describe)*	F5, F6	Fully stock first aid kit located in Main Control Building
	☒ Hard Hats	All	
	☒ Plumbed Eye Wash Stations	G5, F4, F8, E2, B6	
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☒ Respirator Cartridges *(describe)*	F6, B7	Ammonia, HEPA
	☒ Safety Glasses/Splash Goggles	F6, B7	
	☒ Safety Showers	G5, F4, F7, F8, E2, B7, B8	
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☐ Automatic Fire Sprinkler Systems		
	☒ Fire Alarm Boxes/Stations	F6	
	☒ Fire Extinguisher Systems *(describe)*	Various	CO2 flooding system Gas Turbine Packages FM-200 flooding systems in critical electrical PDC's Strategically placed portable fire extinguishers
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☒ Absorbents *(describe)*	F8, B7	Pads, pillow, sand, neutralizers, etc
	☐ Berms/Dikes *(describe)*		
	☐ Decontamination Equipment *(describe)*		
	☐ Emergency Tanks *(describe)*		
	☐ Exhaust Hoods		
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☒ Neutralizers *(describe)*	F6, B7	Ampho-Mag multi use neutralizer
	☒ Overpack Drums	F8	
	☒ Sumps *(describe)*	Various	All secondary containments have sumps
	☐ Other *(describe)*		
Communications and Alarm Systems	☐ Chemical Alarms *(describe)*		
	☒ Intercoms/ PA Systems	F5, F6, F8, B7	
	☒ Portable Radios	F5	
	☒ Telephones	F5, F6, F8	
	☒ Underground Tank Leak Detection Monitors	B6, E4, E8	
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed.)*	☐		
	☐		
	☐		
	☐		
	☐		
	☐		

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(c); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. **Personnel** are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☒	Location(s) and contents of Emergency Response/Contingency Plan
☒	Facility evacuation drills, that are conducted at least *(specify)* Annually *(e.g. "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

☐	Personnel rescue procedures
☐	Shutdown of operations
☐	Liaison with responding agencies
☐	Use, maintenance, and replacement of emergency response equipment
☐	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)* _____ *(e.g. "Quarterly", etc.)*

Record Keeping

(Hazardous Materials Business Plan Module)

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials recordkeeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e. written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☒	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *(Exception: Available from your local agency is a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the example provided, you do not need to attach a copy.)*

Check the appropriate box:

☐	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☒	We will use our own documents to record inspections. ***(A blank copy of each document used must be attached to this HMBP.)***

APPENDIX B

EDR DATABASE REPORT

EDR® Environmental
Data Resources Inc

The EDR Radius Map
with GeoCheck®

1001 Murphy Ranch Road
1001 Murphy Ranch Road
Milpitas, CA 95035

Inquiry Number: 1520627.2s

September 27, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-VLA

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1001 MURPHY RANCH ROAD
MILPITAS, CA 95035

COORDINATES

Latitude (North):	37.417200 - 37° 25' 1.9"
Longitude (West):	121.927800 - 121° 55' 40.1"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	594880.2
UTM Y (Meters):	4141490.5
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	37121-D8 MILPITAS, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned
CORRACTS ..... Corrective Action Report
RCRA-TSDF ..... Resource Conservation and Recovery Act Information
RCRA-LQG ..... Resource Conservation and Recovery Act Information
ERNS ..... Emergency Response Notification System

STATE ASTM STANDARD

AWP ..... Annual Workplan Sites

US INST CONTROL..... Sites with Institutional Controls
VCP..... Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. ~~Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.~~ Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 05/20/2005 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MAXTOR CORPORATION	***1140 BELLEW DRIVE***	***1/8 - 1/4 NNE***	***1***	***6***

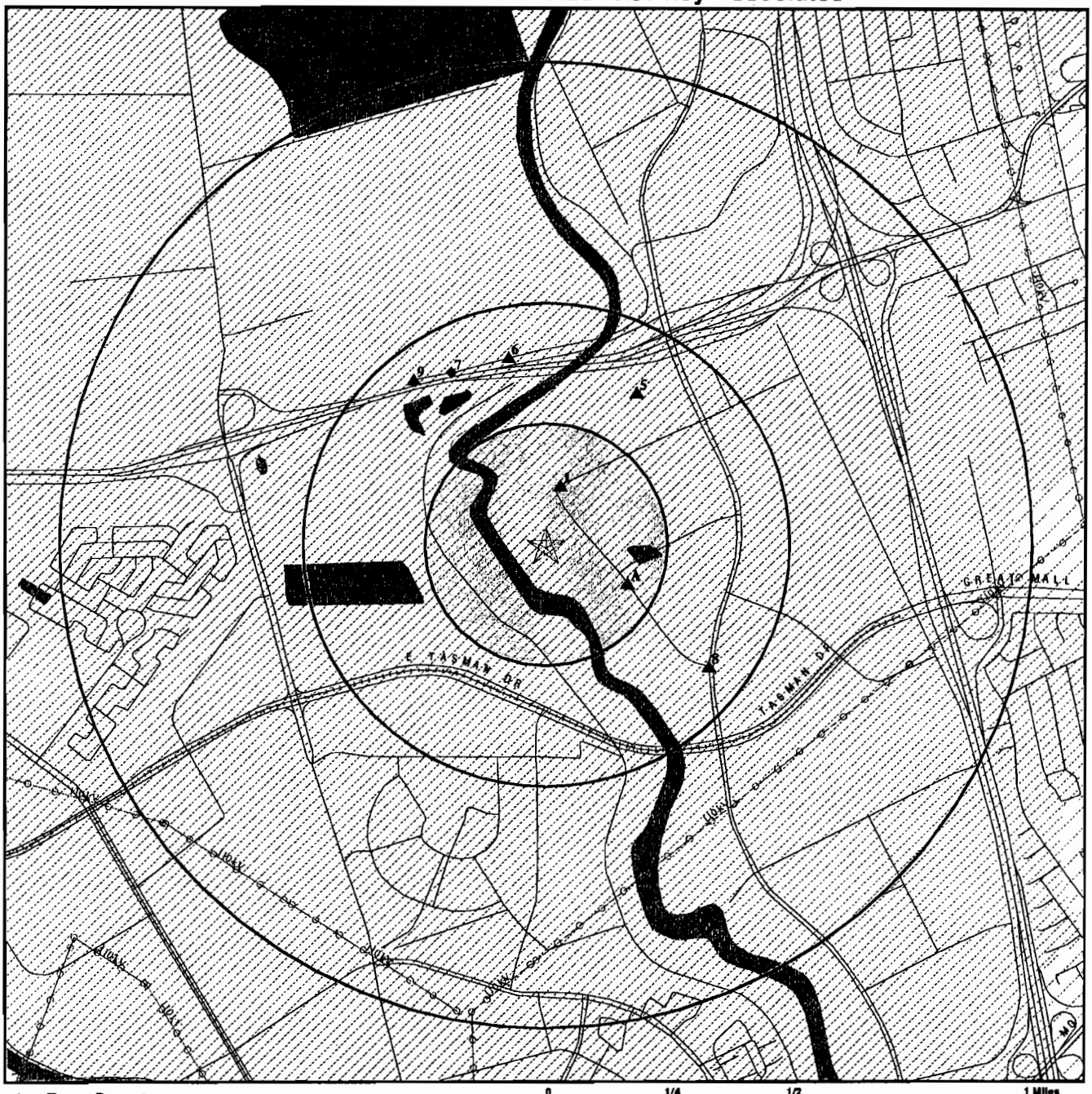
STATE ASTM STANDARD

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

OVERVIEW MAP - 1520627.2s - Lowney Associates



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ♟ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

TARGET PROPERTY:	1001 Murphy Ranch Road	CUSTOMER:	Lowney Associates
ADDRESS:	1001 Murphy Ranch Road	CONTACT:	Leonardo Alvarez
CITY/STATE/ZIP:	Milpitas CA 95035	INQUIRY #:	1520627.2s
LAT/LONG:	37.4172 / 121.9278	DATE:	September 27, 2005 8:02 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	1	2	NR	NR	3
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	1	4	NR	NR	5
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	2	NR	NR	NR	2
HIST UST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	1	NR	NR	NR	1
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
NNE
1/8-1/4
663 ft.

MAXTOR CORPORATION
1140 BELLEW DRIVE
MILPITAS, CA 95035

RCRA-SQG
FINDS
HAZNET

1000472886
CAD982434714

Relative:
Higher

Actual:
20 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD982434714
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM
TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

HAZNET:
Gepaid: CAD982434714
TSD EPA ID: CAD009452657
Gen County: Santa Clara
Tsd County: San Mateo
Tons: .1668
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: QUANTUM CORP
Telephone: (408) 894-4000
Mailing Address: 500 MCCARTHY BLVD
MILPITAS, CA 95035 - 7908
County Santa Clara

Gepaid: CAD982434714
TSD EPA ID: CAD050806850
Gen County: Santa Clara
Tsd County: Los Angeles
Tons: .2250
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Contact: QUANTUM CORP
Telephone: (408) 894-4000
Mailing Address: 500 MCCARTHY BLVD
MILPITAS, CA 95035 - 7908
County Santa Clara

Gepaid: CAD982434714
TSD EPA ID: CAD050806850
Gen County: Santa Clara
Tsd County: Los Angeles
Tons: .1750
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Contact: QUANTUM CORP
Telephone: (408) 894-4000
Mailing Address: 500 MCCARTHY BLVD
MILPITAS, CA 95035 - 7908
County Santa Clara

MURPHY RANCH PUMP STATION (Continued) **S101303681**

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 06S1W13C01f
Beneficial: MUN
Staff : ZSC
GW Qualifier : =
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party Don Bockman
RP Address: 1265 North Milpitas Boulevard
Global Id: T0608591307
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 2:

Region:	2
Case Number:	06S1W13C01f
Facility Id:	Not reported
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Oversight Program:	LUST
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/6/1992
Pollution Characterization Began:	11/8/1993
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

LUST Region SC:

Region:	Santa Clara		
Closed Date:	1998-12-03 00:00:00	SCVWD Id:	06S1W13C01
Region Code:	2	Oversight Agency:	SCVWD
Date Listed:	1993-05-11 00:00:00		

MILPITAS-MURPHY RANCH PUMP STN (Continued) **S101594677**

FID:

Facility ID:	43012304	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported 455 E CALAVERAS BLVD MILPITAS, CA 95035		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

---

5 **MCCARTHY RANCH AT BELLEW** **LUST** **S103723188**
NNE **UNKNOWN COYOTE CREEK REACH 3** **Cortese** **N/A**
1/4-1/2 **MILPITAS, CA 95035**
1928 ft.

Relative:
Higher

Actual:
20 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	43-1877		
Reg Board:	San Francisco Bay Region		
Chemical:	Diesel		
Lead Agency:	Regional Board		
Local Agency :	43099L		
Case Type:	Undefined		
Status:	Case Closed		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	*Not reported*	*Confirm Leak:*	*Not reported*
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1996-04-16 00:00:00		
Release Date:	1994-03-31 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1994-03-31 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1994-05-16 00:00:00		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	No		
Leak Cause:	UNK		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	2A4		
Local Case # :	06S1W13C02		
Beneficial:	Not reported		
Staff :	ZTM		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		

SHELL (Continued) **S105194529**

Workplan:	1985-07-01 00:00:00	Prelim Assess:	1985-07-01 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1995-01-24 00:00:00		
Release Date:	1985-08-02 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	NOR		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	CW		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	06S1W12K01f		
Beneficial:	MUN		
Staff :	ZSC		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	Not reported		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party	Alex Perez		
RP Address:	P.O. Box 4023		
Global Id:	T0608501254		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		
Summary :	Not reported		

LUST Region 2:

Region:	2
Case Number:	06S1W12K01f
Facility Id:	Not reported
Facility Status:	Case Closed
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Oversight Program:	LUST
Date Leak Confirmed:	Not reported

CALPINE C* POWER CORP (Continued) **S105688885**

Review Date : Not reported
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party Dave Shilbey
RP Address: 4160 Dublin Blvd
Global Id: T0608531309
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 2:
Region: 2
Case Number: 06S1W12E01f
Facility Id: Not reported
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Unknown
Leak Source: Unknown
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 8/10/2002
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST Region SC:
Region: Santa Clara
Closed Date: 2002-08-16 00:00:00
Region Code: 2
Date Listed: 2002-08-16 00:00:00
SCVWD Id: 06S1W12E01
Oversight Agency: SCVWD

HAZNET:
Gepaid: CAL000253756
TSD EPA ID: Not reported
Gen County: Santa Clara
Tsd County: Santa Clara
Tons: 0.22
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: DAVE SHIBLEY - SITE SUPR
Telephone: (925) 200-0628
Mailing Address: PO BOX 11749
PLEASANTON, CA 94588 - 1749
County Not reported

CILKER ORCHARDS #3 (Continued) **S103880699**

Leak Source: Not reported
MTBE Date : 1998-05-14 00:00:00
Max MTBE GW : 5 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 06S1W12L01f
Beneficial: MUN
Staff : ZSC
GW Qualifier : =
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party: W.H. Cilker Jr.
RP Address: 1595 Milpitas-Alviso Rd
Global Id: T0608500409
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 2:
Region: 2
Case Number: 06S1W12L01f
Facility Id: Not reported
Facility Status: Case Closed
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

LUST Region SC:
Region: Santa Clara
Closed Date: 1998-08-19 00:00:00
Region Code: 2
Date Listed: 1991-06-03 00:00:00
SCVWD Id: 06S1W12L01
Oversight Agency: SCVWD

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MILPITAS	93329487	JUST OFF I-80 IN MILPITAS A MILE SO OF DIXON LANDING ROAD	JUST OFF I-80 IN MILPITAS A MILE SO OF DIXON LANDING ROAD	95035	ERNS
MILPITAS	S105512828	MCCARTHY RANCH	MCCARTHY / MAGNOLIA ST BLVD	95035	LUST
MILPITAS	S101594672	THE MCCARTHY RANCH	783 MILPITAS ALVISO RD	95035	CA FID UST, SWEEPS UST
MILPITAS	1003879376	JONES CHEMICAL	985 MONTAGUE EXPRESSWAY	95035	CERC-NFRAP
MILPITAS	S106929437	MILPITAS BELLEW PUMP STATION/EDGAR LUPTON	481 MURPHY RANCH RD	95035	SWEEPS UST
MILPITAS	U003976759	MILPITAS - BELLEW PUMP STA.	481 MURPHY RANCH RD		UST
MILPITAS	1003878543	INTERNATIONAL DSPL CORP NEWBY IS LDFL	FT OF DIXON LANDING RD W END	95035	CERC-NFRAP
UNINCORPORATED	U001601477	MILPITAS GAS TERMINAL	HIGHWAY 237 @ HIGHWAY 17	95035	HIST UST

Date of Government Version: 05/17/05
Date Made Active at EDR: 08/17/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/20/05
Elapsed ASTM days: 58
Date of Last EDR Contact: 06/20/05

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/28/05
Date Made Active at EDR: 08/08/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/05/05
Elapsed ASTM days: 34
Date of Last EDR Contact: 06/05/05

RCRA: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 05/20/05
Date Made Active at EDR: 06/09/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/24/05
Elapsed ASTM days: 16
Date of Last EDR Contact: 08/23/05

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04
Date Made Active at EDR: 03/24/05
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/05
Elapsed ASTM days: 56
Date of Last EDR Contact: 07/25/05

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/03
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/17/05
Date of Next Scheduled EDR Contact: 09/12/05

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 05/13/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 06/27/05
Date of Next Scheduled EDR Contact: 09/26/05

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 08/22/05
Date of Next Scheduled EDR Contact: 11/21/05

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/05
Database Release Frequency: Annually
Date of Last EDR Contact: 08/25/05
Date of Next Scheduled EDR Contact: 11/07/05

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 08/09/05
Date of Next Scheduled EDR Contact: 11/07/05

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Database Release Frequency: Varies
Date of Last EDR Contact: 07/05/05
Date of Next Scheduled EDR Contact: 09/19/05

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-4203
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03
Database Release Frequency: Annually
Date of Last EDR Contact: 07/18/05
Date of Next Scheduled EDR Contact: 10/17/05

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/15/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 06/20/05
Date of Next Scheduled EDR Contact: 09/19/05

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/05
Date Made Active at EDR: 09/21/05
Database Release Frequency: Annually
Date of Data Arrival at EDR: 08/29/05
Elapsed ASTM days: 23
Date of Last EDR Contact: 08/29/05

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/08/05
Date Made Active at EDR: 09/21/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/29/05
Elapsed ASTM days: 23
Date of Last EDR Contact: 08/29/05

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03
Date Made Active at EDR: 06/25/04
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/18/04
Elapsed ASTM days: 38
Date of Last EDR Contact: 08/22/05

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Date Made Active at EDR: 03/29/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 02/28/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 08/22/05

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/04
Date Made Active at EDR: 11/19/04
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 10/20/04
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/11/05

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Date Made Active at EDR: 06/02/03
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 05/19/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 08/15/05

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/04
Date Made Active at EDR: 10/12/04
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/07/04
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/27/05

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 07/01/05
Date Made Active at EDR: 09/01/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 08/02/05
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/08/05

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03
Date Made Active at EDR: 10/07/03
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/10/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 06/06/05

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 06/07/05
Date Made Active at EDR: 06/29/05
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 06/07/05
Elapsed ASTM days: 22
Date of Last EDR Contact: 07/08/05

INDIAN UST: Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 04/18/05
Date Made Active at EDR: 05/31/05
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/16/05
Elapsed ASTM days: 15
Date of Last EDR Contact: 08/25/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/02/05
Date Made Active at EDR: 07/01/05
Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/03/05
Elapsed ASTM days: 28
Date of Last EDR Contact: 08/25/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: EPA Region 10
Telephone: 206-553-2857
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/14/05
Date Made Active at EDR: 07/15/05
Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/14/05
Elapsed ASTM days: 31
Date of Last EDR Contact: 08/25/05

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-341-5851
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5851
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

SWEEPS UST: SWEEPS UST Listing
Source: State Water Resources Control Board
Telephone: N/A
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980?s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/94
Date Made Active at EDR: 08/11/05
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/07/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/03/05

Date of Government Version: 12/31/03
Database Release Frequency: Varies

Date of Last EDR Contact: 07/19/05
Date of Next Scheduled EDR Contact: 10/17/05

WIP: Well Investigation Program Case List
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/27/05
Database Release Frequency: Varies

Date of Last EDR Contact: 07/25/05
Date of Next Scheduled EDR Contact: 10/24/05

REF: Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 05/04/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/01/05
Date of Next Scheduled EDR Contact: 08/29/05

SCH: School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/04/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/01/05
Date of Next Scheduled EDR Contact: 08/29/05

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA procass. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/29/05
Date of Next Scheduled EDR Contact: 11/28/05

SLIC: Statewide SLIC Cases
Source: State Water Resources Control Board
Contact: Milpitas City Fire Department, (408) 586-337
Contact: Santa Clara County Environmental Health, (408) 918-1973
Contact: Santa Clara County Fire Department, (408) 378-4010
The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 07/11/05
Database Release Frequency: Varies

Date of Last EDR Contact: 07/12/05
Date of Next Scheduled EDR Contact: 10/10/05

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/22/05
Date of Next Scheduled EDR Contact: 11/21/05

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 06/27/05
Database Release Frequency: Annually

Date of Last EDR Contact: 05/31/05
Date of Next Scheduled EDR Contact: 08/29/05

HAZNET: Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/23/05
Date of Next Scheduled EDR Contact: 11/07/05

LOCAL RECORDS

ALAMEDA COUNTY:

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 06/28/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/28/05
Date of Next Scheduled EDR Contact: 10/24/05

Contaminated Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 08/16/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/25/05
Date of Next Scheduled EDR Contact: 10/24/05

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/13/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/13/05
Date of Next Scheduled EDR Contact: 08/29/05

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/25/05
Database Release Frequency: Annually

Date of Last EDR Contact: 08/15/05
Date of Next Scheduled EDR Contact: 11/14/05

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 06/28/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/01/05
Date of Next Scheduled EDR Contact: 10/31/05

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 06/27/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/27/05
Date of Next Scheduled EDR Contact: 09/26/05

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 06/27/05
Database Release Frequency: Annually

Date of Last EDR Contact: 06/27/05
Date of Next Scheduled EDR Contact: 09/28/05

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/10/05
Date of Next Scheduled EDR Contact: 09/05/05

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3448
Orange County Underground Storage Tank Facilities (UST).

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 06/05/05
Date of Next Scheduled EDR Contact: 09/05/05

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies
Date of Last EDR Contact: 08/22/05
Date of Next Scheduled EDR Contact: 11/21/05

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 07/08/05
Date of Next Scheduled EDR Contact: 10/03/05

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 06/07/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 06/05/05
Date of Next Scheduled EDR Contact: 09/05/05

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 06/07/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 06/05/05
Date of Next Scheduled EDR Contact: 09/05/05

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/18/05
Date of Next Scheduled EDR Contact: 10/03/05

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 05/23/05
Date of Next Scheduled EDR Contact: 08/22/05

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/17/05
Date of Next Scheduled EDR Contact: 09/12/05

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/05/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/15/05
Date of Next Scheduled EDR Contact: 10/10/05

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/17/05
Date of Next Scheduled EDR Contact: 09/12/05

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 07/19/05
Database Release Frequency: Annually

Date of Last EDR Contact: 07/18/05
Date of Next Scheduled EDR Contact: 10/17/05

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning and gas station/filling station/service station establishments. The categories reviewed included, but were not limited to: *gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GEOCHECK ® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1001 MURPHY RANCH ROAD
1001 MURPHY RANCH ROAD
MILPITAS, CA 95035

TARGET PROPERTY COORDINATES

Latitude (North):	37.417198 - 37° 25' 1.9"
Longitude (West):	121.927803 - 121° 55' 40.1"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	594880.2
UTM Y (Meters):	4141490.5
Elevation:	18 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SANTA CLARA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0603440003F
Additional Panels in search area:	0603440001F 0603490006F 0603370070F 0603490008F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MILPITAS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

PHYSICAL SETTING SOURCE MAP - 1520627.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

No contour lines were detected within this map area.

TARGET PROPERTY:	1001 Murphy Ranch Road	CUSTOMER:	Lowney Associates
ADDRESS:	1001 Murphy Ranch Road	CONTACT:	Leonardo Alvarez
CITY/STATE/ZIP:	Milpitas CA 95035	INQUIRY #:	1520627.2s
LAT/LONG:	37.4172 / 121.9278	DATE:	September 27, 2005 8:03 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
CA WELLS	6842

A3
South
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	06S/01W-13N04 M	User ID:	HEN
FRDS Number:	4310800001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	372424.0 1215543.0	Precision:	100 Feet (one Second)
Source Name:	WELL 04		
System Number:	4310800		
System Name:	Agnews Dev. Center - East Campus		
Organization That Operates System:	3500 ZANKER RD SAN JOSE, CA 95114		
Pop Served:	1830	Connections:	34
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/20/1988	Findings:	2.080 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/20/1988	Findings:	1.240 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/06/1993	Findings:	2.520 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/06/1993	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	12/06/1993	Findings:	645.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/06/1993	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	12/06/1993	Findings:	250.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/06/1993	Findings:	250.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/06/1993	Findings:	306.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/06/1993	Findings:	33.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/06/1993	Findings:	53.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/06/1993	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	12/06/1993	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/06/1993	Findings:	34.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/06/1993	Findings:	442.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95035	5	0	0.00

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95035

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

EXHIBIT 38

To the Professional Services Agreement between the
SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT and
Lowney Associates
September 26, 2005

This is an exhibit attached to, and made a part of the Professional Services Agreement **(Agreement)** dated February 17, 2004 between the SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT **(District)** and Lowney Associates **(Consultant)**.

I. SCOPE OF THE SERVICES

The Services to be rendered ("Services") consist of:

Geotechnical Testing and Inspection for Canada College Building 9 – Library/Learning Center/Student Services:

1. Geotechnical Observation and Testing of earthwork for Canada College Building 9, including meetings and on-site consultation, grading for the new building, observation of footing excavations, observe installation and testing of 105 retaining wall tiebacks, retaining wall backfill for site walls on northeast side of building, test compaction of storm drain, sanitary sewer line, joint trench, water/fire line, and test compaction of sidewalk subgrade and aggregate base. Lowney Associates will perform tests as scheduled by the contractor. We assume no backfill will be required for the building walls because there are constructed against a shored cut.
2. Laboratory testing as needed. Laboratory testing will include six compaction curves, and 10 laboratory moisture contents.
3. Office services including project tracking and management, consultation as needed, final summary letter, and preparation and distribution of daily field reports.

TABLE 1. ESTIMATED SCHEDULE

FIELD SERVICES Task	Personnel	No. of Site Visits	Estimated Hours per Visit	Estimated Total Hours	Estimated No. of Compaction Tests
Meetings and On-Site Consultation	Sr. Proj. Engineer	5	3	15	0
Mass Grading	Eng. Technician	5	4	20	15
Amphitheatre Fill Compaction	Eng. Technician	2	8	16	10
Observe Installation of Retaining Wall Tie-backs	Staff Engineer	22	8	176	0
Footing Excavation	Staff Engineer	15	3	45	0
Storm Drain Trench Backfill	Eng. Technician	5	3	15	20
Sewer Trench Backfill	Eng. Technician	3	3	9	10
Water Line Trench Backfill	Eng. Technician	3	3	9	10
Electrical/Gas Line Trench Backfill	Eng. Technician	3	3	9	10
Retaining Wall Backfill	Eng. Technician	12	6	72	40
Observe Retaining Wall Subdrain	Eng. Technician	4	2	8	0
Sidewalk Subgrade Compaction	Eng. Technician	20	3	60	20
Sidewalk Aggregate Base Compaction	Eng. Technician	20	3	60	20
TOTAL		119		514	155

OFFICE SERVICES Task	Personnel	Hours
Review field reports; project tracking and management; correspondence with design team and applicable agencies; miscellaneous consultation and documentation; preparation of final letter.	Sr. Proj. Eng.	60
	Project Eng.	10
	Sr. Super. Tech.	35
	Staff Engineer	25
	Tech. Asst.	2
	TOTAL	132

LAB SERVICES Type of Tests	No. of Tests
Compaction (ASTM D1557)	6
Moisture Contents	10
TOTAL	16

Environmental Services for Canada College Building 9 – Library/Learning Center/Student Services:

1. Based on our discussions with you, approximately 8,000 cubic yards of soil material excavated from the site will be off-hauled for disposal at the Ox Mountain Landfill. We understand that soil sample collection and analysis are to be performed prior to transporting the soils for off-site disposal. Approximately 20% of the soil reportedly has been excavated and stockpiled on-site at this time, and the remainder is in-situ. We understand that excavation equipment will be available to assist with sample collection of in-situ soil materials. The natural soil materials at the site consist of weathered greenstone, which may contain naturally occurring asbestos. The site also reportedly is in the vicinity of a former underground storage tank containing motor fuel. Soil sampling method and frequency, and chemical analyses were determined based on discussions with Ox Mountain Landfill representatives.

2. As requested, to evaluate the general soil quality, our staff geologist will collect six 4-point composite soil samples from the in-situ and stockpiled soil materials at the site. One 4-point composite soil sample will be collected from soil materials currently stockpiled on-site, and five 4-point composite soil samples will be collected from in-situ soils with the assistance of excavation equipment. The in-situ soil samples will be collected from areas to be excavated, as directed by the construction contracts. The soil samples will be submitted to a state-certified laboratory for analysis of Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene and xylenes (BTEX) (EPA Test Method 8260B), TPH as diesel (TPHd) and motor oil (TPHmo) (EPA Test Method 8015M), Leaking Underground Fuel Tank (LUFT) 5 Metals (EPA Test Method 6010/7000). In addition, samples will be analyzed for asbestos (CA ARB Test Method 435/400 Point Count PLM) at another laboratory. Soil samples to be analyzed for Petroleum hydrocarbons will be composite at this lab; soil samples to be analyzed for asbestos will be composite in the field.

3. We will prepare a letter presenting the analytical results and summarizing our conclusions and recommendations. Our conclusions and recommendations will be based on our interpretation of the analytical data.

TABLE 2. **APPROXIMATE COST PER TASK**

Meetings	$ 2,400
Mass Grading	2,500
Amphitheatre Fill Compaction	2,000
Footing Excavations	5,300
Observe Tie-back Installation	20,500
Storm Drain Trench Backfill	1,900
Sanitary Sewer Trench Backfill	1,200
Water/Fire Line Trench Backfill	1,200
Electrical/Gas Line Trench Backfill	1,200
Observe Retaining Wall Subdrain	900
Retaining Wall Backfill	8,700
Sidewalk Subgrade Compaction	7,200
Sidewalk Aggregate Base Compaction	7,200
Office Engineering and Plan Review	17,100
Laboratory Testing	1,800
Environmental Services - Off-haul hazmat testing	6,200
Contingency (must have written authorization to use)	11,000
TOTAL	**$98,300**

II. COMPENSATION FOR SERVICES

Consultant's total compensation for Services performed under this Agreement is Ninety-Seven Thousand Three Hundred dollars ($97,300) to be paid on a Time-and-Expense basis with progress payments. Fee schedule is as follows:

III. SCHEDULE OF PERFORMANCE

Consultant shall commence upon execution of the Exhibit and complete the Services within 300 days of commencement of the Services.

IN WITNESS WHEREOF, the parties hereto have executed this EXHIBIT to the Professional Services Agreement dated February 17, 2004 between the SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT and LOWNEY ASSOCIATES.

SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT

By _____ Date _____

James W. Keller
Executive Vice Chancellor

Lowney Associates

By _____ Date _____

_____ Its _____